

| $ZH \rightarrow \ell^+ \ell^- + \text{invisible}$ (signal region) | |
|---|----------------|
| CDF Run II Preliminary, $\mathcal{L} = 9.7 \text{ fb}^{-1}$ | |
| $Z + \text{jets}$ | 7.1 ± 3.1 |
| $W + \text{jets}$ | 3.8 ± 0.6 |
| $W\gamma$ | 0.5 ± 0.1 |
| $t\bar{t}$ | 5.5 ± 0.9 |
| WZ | 13.7 ± 1.5 |
| WW | 19.2 ± 1.8 |
| ZZ | 27.2 ± 2.9 |
| Total prediction | 76.9 ± 7.2 |
| ZH ($m_H = 125 \text{ GeV}/c^2$) | 8.2 ± 1.3 |
| Data | 78 |